



CALIFORNIA ISO

California Independent
System Operator

Presentation to Joint Agency Energy Action Plan Meeting

June 24, 2004

2004 Summer Assessment Update

***Mary Jo Thomas
Operations Engineer***



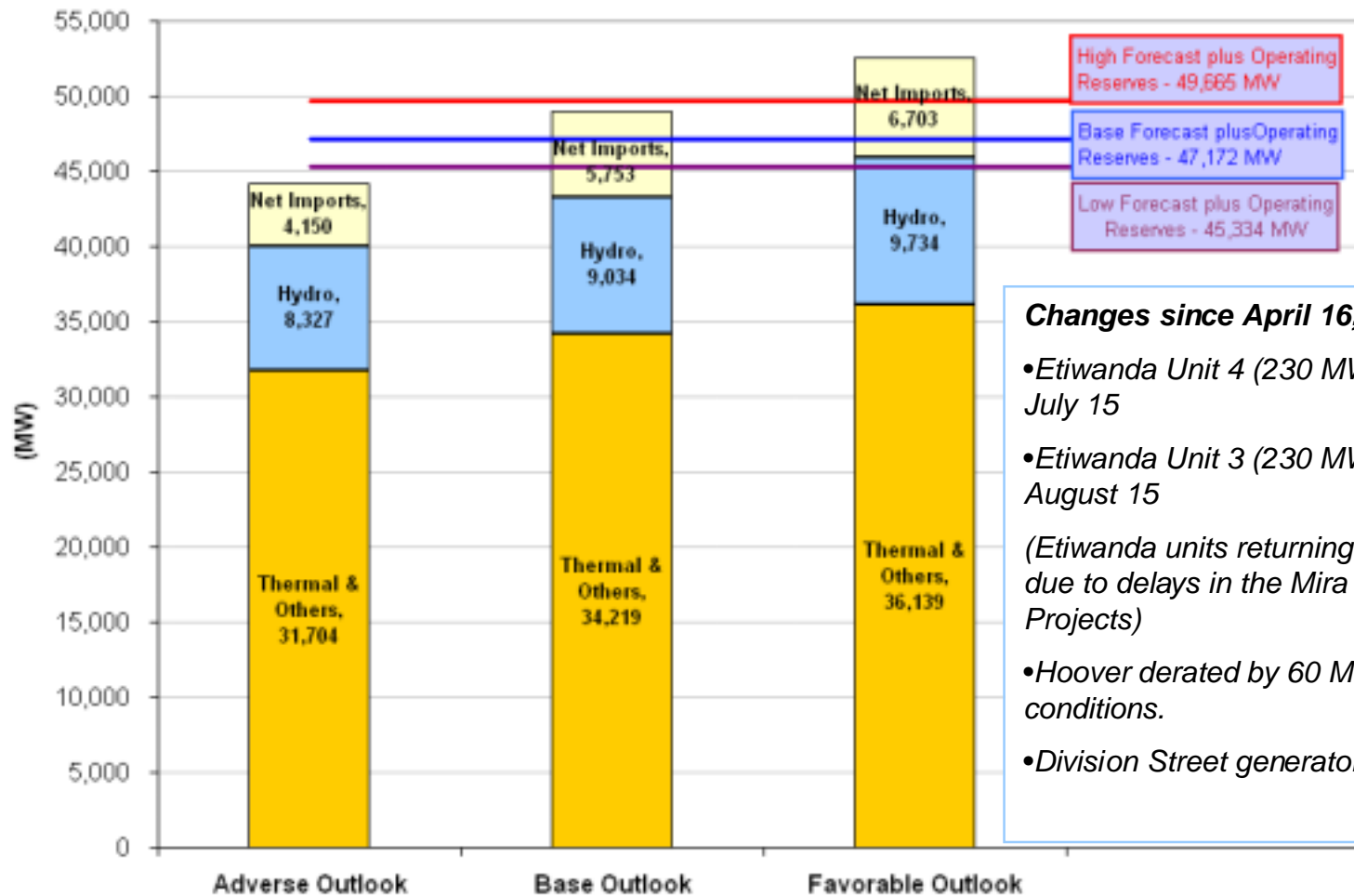
Overview

- Update to 2004 Summer Outlook
- May and June Daily Peak Demands and Available Resources
- CAISO Summer Preparedness Activities
- New Generation Resource and Transmission Projects



2004 ISO Control Area 2004 Summer Capacity Outlook

(Updated 6/14/04)

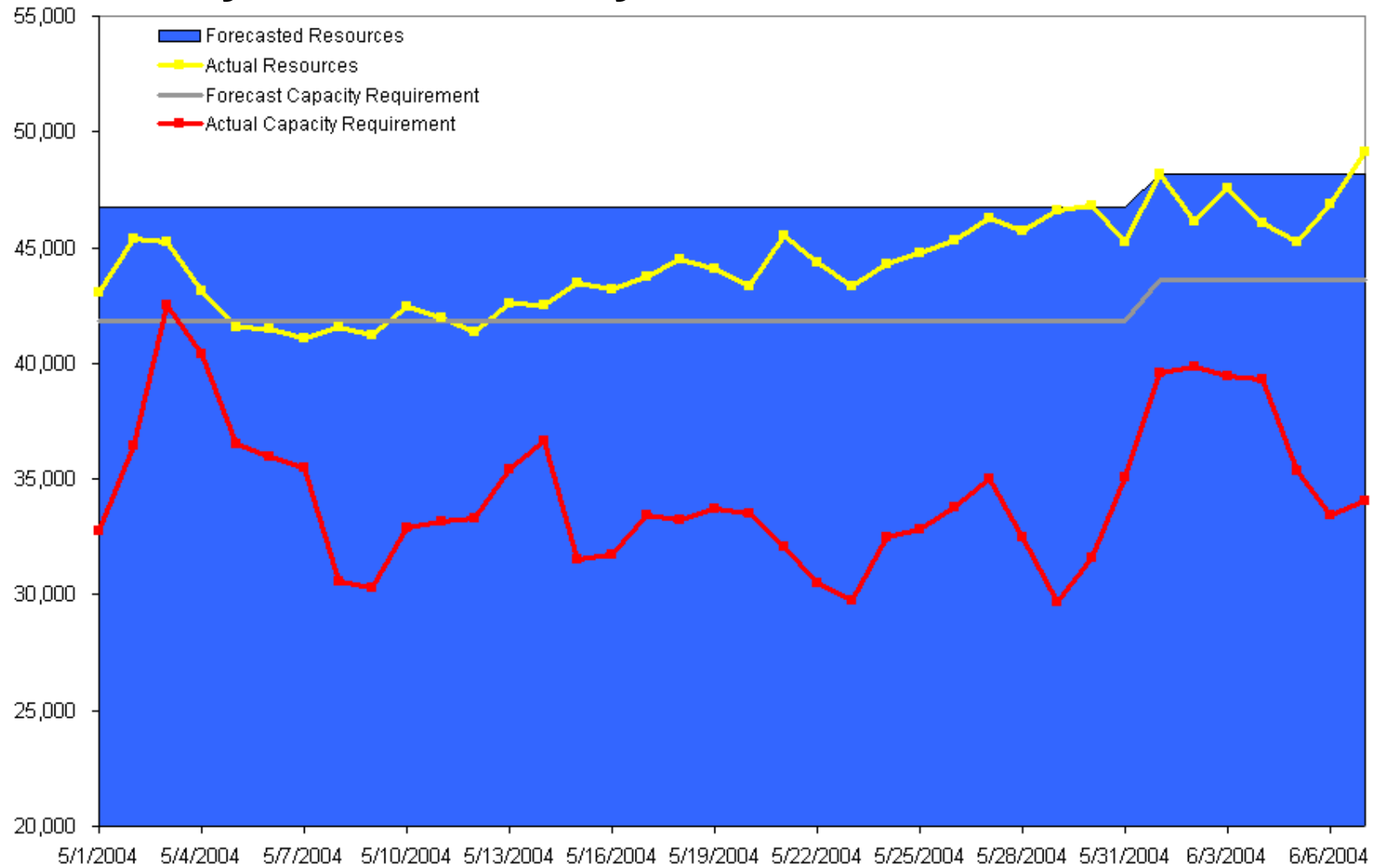


Changes since April 16, 2004

- Etiwanda Unit 4 (230 MW) scheduled to return July 15
- Etiwanda Unit 3 (230 MW) Scheduled to return August 15
(Etiwanda units returning under RMR contract due to delays in the Mira Loma Transmission Projects)
- Hoover derated by 60 MW due to low hydro conditions.
- Division Street generator retired (14 MW)



Peak Demands and Resources May and June Daily Actual vs. Forecasted





CALIFORNIA ISO

California Independent
System Operator

CAISO Summer Preparedness Activities

- Promoting Energy Conservation
- Closely Monitoring Loads and Resources
- Assess risk for South of Path 26
- Operator Preparedness Training Complete



New Generation

2004 Generation Projects	Developer	COD Estimated 6/14/04	COD Estimated 2004 Summer Assessment	Unit/Fuel Type	ISO Net Dependable Capacity
Sycamore Canyon Plant B	Gas Recovery Systems, Inc.	6/30/2004	4/30/2004	CT - Landfill Gas	3.0
Lincoln Land Fill Power Plant	Energy 2001, Inc.	4/1/2004	6/1/2004	IC - Landfill Gas	1.6
El Sobrante	Waste Management Energy Solutions	COD 4/26/04	6/1/2004	IC - Landfill Gas	2.7
Simi Valley	Waste Management Energy Solutions	COD 5/12/04	6/1/2004	IC - Landfill Gas	2.7
El Dorado Power House Unit 1	El Dorado Irrigation District	10/1/2004	6/1/2004	Hydro	10.0
El Dorado Power House Unit 2	El Dorado Irrigation District	10/1/2004	6/1/2004	Hydro	10.0
Sonoma County Landfill Gas, Phase 3	County of Sonoma	7/1/2004	7/1/2004	IC - Landfill Gas	1.6
Fresno Cogeneration Expansion Project	Fresno Cogen Partners, LP	12/1/2004	12/1/2004	CT - Nat. Gas	50.5
Eurus Oasis Project	Eurus Energy	1/1/2005	11/1/2004	Wind	65.0
Pastoria Project Phase 1	Calpine	11/1/2004	11/1/2004	ST - Nat. Gas	250.0
Corona Clearwater Project	City of Corona	12/1/2004	12/1/2004	CC - Nat. Gas	32.0
Pico Power Plant	Silicon Valley Power	2/15/2005	12/1/2004	CC - Nat. Gas	147.0
Malburg Generation Station	City of Vernon	5/1/2005	5/1/2005	CC - Nat. Gas	134.0
Pastoria Project Phase 2	Calpine	6/30/2005	6/30/2005	ST - Nat. Gas	500.0
Metcalf Energy Center	Calpine	6/30/2005	6/30/2005	ST - Nat. Gas	600.0
Otay Mesa	Calpine	3/1/2006	3/1/2006	ST - Nat. Gas	615.0
Mountainview Power Project	Intergen	4/1/2006	4/1/2006	CC - Nat. Gas	1,081.0



Top 6 Transmission Projects on State Wide Watch List

- Miguel Mission #2 230 kV Transmission Line (6/06)
- STEP (Southwest Transmission Expansion Plan) Short Term Transmission Upgrades (6/06)
- Otay Mesa Generation Interconnection (2006)
- Tehachapi Area Transmission (phase 1- 2008, Phase 2 – 2013)
- Palo Verde – Devers #2 500 kV Line (2009)
- New Line into San Diego [Either Lake Ellsinore Advanced Pumped Storage Project (2007) or Imperial Valley San Diego Expansion Plan (2011)]

June 24 at 10:00 AM to 12:30 PM

Joint Meeting of

California Energy Commission

Consumer Power and Conservation Financing Authority and

California Public Utilities Commission

http://www.energy.ca.gov/2003_energy_action_plan/2004-06-24_meeting.html